

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. A compression screw assembly for delivery of an ortho-biological material to a fracture site comprising a lag screw, a side plate, an elongated adapter, and a compression screw, said lag screw having an elongated body with a leading end, a distal end, and a longitudinal bore, external threads on said leading end for engaging a bone proximal to a fracture site, said leading end of said lag screw having at least one tang exit hole, a tang body movably disposed in said longitudinal bore and having at least one tang leg mounted to a first end, said tang leg adapted to translate through said at least one tang exit hole upon movement of said tang body, and a second end of said tang body having internal screw threads adapted to seal said tang body, said distal end of said lag screw adapted to extend distally of said fracture site, a first connector on said distal end, at least one discharge hole in said elongated body between said external threads and said distal end, said side plate having a body with a distal surface and proximal surface, an aperture in said plate sized to accommodated said distal end of said lag screw whereby said side plate is

adapted to slide along said elongated body and exerts compressive force between said enlarged head and said external thread, said adapter being of a size to telescope within said through bore of said elongated body, said elongated adapter having a bore extending from one end and terminating in a fluid exit port near the other end, said other end beyond said fluid exit port having external screw threads adapted to engage said internal screw threads in said tang body, said one end adapted to be connected with a syringe and said fluid exit port adapted to register with said discharge hole in said elongated body whereby ortho-biological material may be delivered to a fracture site, said compression screw having an enlarged head on one end and a second connector on the other end, said second connector on said compression screw adapted to mate with said first connector whereby said compression screw exerts a compressive force between said enlarged head and said external threads reducing the fracture.

Claim 2. (cancelled herein)

Claim 3. (amended herein) A compression screw assembly of claim [[2]] 1 comprising said distal end of said elongated body shaped for non-rotational movement and said aperture shaped for sliding longitudinally along said body.

Claim 4. (amended herein) A compression screw assembly of claim [[2]] 1 comprising a barrel on said proximal surface of said side plate surrounding said aperture.

Claim 5. (original) A compression screw assembly of claim 3 comprising a barrel on said proximal surface of said side plate surrounding said aperture.

Claim 6. (amended herein) A compression screw assembly of claim [[2]] 1 comprising a cortical screw hole in said side plate.

Claim 7. (original) A compression screw assembly of claim 4 comprising a cortical screw hole in said side plate.

Claim 8. (cancelled herein)

Claim 9. (cancelled herein)

Claim 10. (cancelled herein)

Claim 11. (cancelled herein)

Claim 12. (cancelled herein)

Claim 13. (amended herein) A compression screw assembly kit for delivery of an ortho-biological material to a fracture site comprising a lag screw, a compression screw, a side plate, and an adapter, said lag screw having external threads ~~[[on]]~~ and at least one tang exit hole at one end adapted to fix said lag screw in a bone proximal to a fracture site, a bore extending from said one end to the other end, said bore having internal threads in said other end, a circumferential seal in said bore spaced distally from said external threads, a discharge hole in said bore between said external threads and said ~~shoulder~~ other end, said side plate having an aperture adapted to telescope with said other end of said lag screw, said adapter having one end, a connector on the other end and a bore from said connector terminating in a fluid exit port near said one end, said adapter having a circumferential shoulder between said fluid exit port and said connector, a movable tang body in said bore between said discharge hole and said external threads, said tang body having at least one tang leg on one end and a seal on the other end, said one end of said adapter sized to engage said seal on said tang body whereby upon insertion of said adapter into said lag screw said one end of said adapter engages said seal in said tang body and said tang body is moved within said bore to register said fluid exit port and said discharge hole thereby extending said tang leg from said tang exit hole, said compression screw having an enlarged head on one end and external

threads on the other end, said connector sized to pass through said aperture of said side plate and engage said internal threads in said through bore of said lag screw, said head adapted to engage said body of said side plate, whereby said lag screw may be threadably fixed in a bone proximal to a fracture site, said adapter is insertable into said lag screw with said shoulder engagable with said seal and said fluid exit port registered with said discharge hole, said connector adapted to mate with a source of ortho-biological material for permitting said ortho-biological material to flow through said adapter and out the discharge hole in the vicinity of said fracture site, said adapter being removable, said side plate adapted to be telescoped with said lag screw and said compression screw being insertable through said aperture for threadable engagement with said internal threads to apply compressive force between said side plate and said lag screw to reduce said fracture.

Claim 14. (cancelled herein)

Claim 15. (currently amended) A compression screw assembly kit of claim [[14]] 13 comprising said seal in said tang body being threads, said one end of said adapter having threads whereby threadably engaging said adapter threads and said tang body threads forms a seal.

Claim 16. (currently amended) A compression screw assembly for reduction of a fracture comprising a lag screw, an adapter, and a compression screw, said lag screw having an elongated body with a leading end, a distal end, and a longitudinal bore, external threads on said leading end for engaging a bone proximal to a fracture site, a tang body movably mounted in said longitudinal bore, said tang body having at least one tang leg, at least one tang exit hole formed in said leading end communicating with said longitudinal bore, ~~said tang leg adapted to extend through said tang exit hole as said tang body moves toward said leading end,~~ said adapter sized to telescope through said longitudinal bore and engage and move said tang body toward said leading end and said tang leg extends through said tang exit hole as said tang body is moved toward said leading end, said distal end of said lag screw adjustably connected to one end of a compression screw having an enlarged head on the other end, said compression screw adapted to adjust the interval between said external threads and said enlarged head whereby said compression screw exerts a compressive force between said enlarged head and said external threads reducing the fracture.

Claim 17. (original) A compression screw assembly of claim 16 comprising an end cap mounted in said leading end of said longitudinal bore.

Claim 18. (cancelled herein)

Claim 19. (withdrawn) A method of treating fractures comprising the steps of:

- (a) providing a cannulated lag screw having a leading end with external threads and a discharge hole, a compression screw for engaging the trailing end of said lag screw, a tubular adapter sized to telescope through said lag screw, and an amount of ortho-biological material ;
- (b) screwing said lag screw through said fracture site to engage the bone fragment proximal to said site with said trailing end distal of said site and said discharge hole adjacent to said site;
- (c) telescoping said adapter into said lag screw;
- (d) applying said ortho-biological material through said adapter to exit through said discharge hole;
- (e) removing said adapter from said lag screw;
- (f) engaging said compression screw in said trailing end of said lag screw and reducing the interval between said external threads and said compression screw thereby reducing said fracture.

Claim 20. (withdrawn) A method of treating fractures of claim 19 comprising the steps of:

- (a) providing a tang body having a tang leg in said cannulated lag screw and tang exit holes in said leading end;